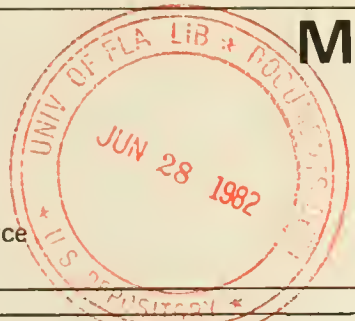


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U.S. Department of Commerce
BUREAU OF THE CENSUS



Manufacturers' Shipments, Inventories, and Orders

APRIL 1982

M3-1(82)-4
For Wire Transmission 3 00P.M. E.D.T. Wednesday, June 2, 1982

(All figures in text below are in seasonally adjusted current dollars.)

New orders for manufactured goods in April declined \$3.6 billion or 2.3 percent to \$155.3 billion the Department of Commerce, Bureau of the Census reported today. New orders had been generally declining since last July, but in February showed a 1.3 percent increase and in March a 0.3 percent increase. Shipments of manufactured goods decreased \$0.8 billion or 0.5 percent in April to \$157.4 billion. Shipments have declined every month since last June except for a 1.8 percent increase in February. The book value of manufacturers' inventories decreased \$0.8 billion or 0.3 percent to \$274.2 billion, the fourth decline in the last 5 months.

The decline in manufacturers' orders in April was concentrated in the capital goods sector. Orders for defense capital goods were down \$1.9 billion or 24 percent to \$6.0 billion. Despite this decrease and the March decline of 8.6 percent, defense orders still remained at a relatively high level, over 50 percent above April a year ago. New orders for nondefense capital goods were down \$1.1 billion or 5.1 percent to \$20.9 billion, following a 7.9 percent increase in March.

Within the major industry groups, most of the durable goods categories showed new order declines in April. Orders for transportation equipment were down \$1.4 billion or 7.0 percent to \$18.1 billion. New orders for the aircraft and parts industry dropped \$3.0 billion or 39 percent to \$4.7 billion, more than offsetting an increase in the motor vehicle industry of \$1.2 billion. New orders for electrical machinery decreased \$0.4 billion or 3.3 percent to \$12.4 billion while nonelectrical machinery orders were flat. New orders for primary metals registered the first monthly increase since last July. April orders were valued at \$8.1 billion, up \$0.3 billion or 4.4 percent from March. Virtually all of the increase was attributed to the nonferrous metal producers.

Most of the declines in manufacturers shipments were in the nondurable goods industries where shipments declined \$0.7 billion or 0.9 percent to \$78.3 billion. An increase in petroleum products shipments of \$0.7 billion or 5.3 percent to \$14.5 billion was more than offset by declines in most of the

other nondurable goods industries. Excluding the petroleum increase, nondurable goods shipments were down 2.1 percent.

Shipments of manufacturers' durable goods showed a small decline in April of \$0.1 billion or 0.2 percent to \$79.1 billion. A decline of \$0.9 billion or 5.6 percent in shipments by nonelectrical machinery producers was offset by a \$0.9 billion or 5.2 percent increase in transportation equipment industry. The motor vehicle industry showed a \$1.5 billion or 14 percent increase over March, the third consecutive monthly increase following significant declines between July 81 and January 1982.

The value of the orders backlog of manufacturers decreased \$2.2 billion or 0.7 percent in April to \$317.0 billion. This is the sixth decline in the last 7 months and the largest since the \$5.1 billion drop in October. Within the specific categories the orders backlog for fabricated metal products declined \$1.1 billion or 3.9 percent; for nonelectrical machinery, \$1.1 billion or 1.6 percent; and for steel, \$0.6 billion or 4.8 percent.

Declines in the book value of manufacturers' inventories were widespread. Within the durable goods sector inventory increases in the aircraft and parts industry of \$0.7 billion or 2.7 percent, in nonelectrical machinery of \$0.4 billion or 0.9 percent, and in instruments and related products of \$0.2 billion or 2.6 percent, offset declines in all of the other categories. Inventories in the nondurable goods sector declined \$0.8 billion or 0.8 percent to \$90.7 billion, with the largest decrease coming in the petroleum products industry, down \$0.5 billion or 5.4 percent from March.

The figures on the durable goods industries in this report supersede those issued earlier in the advance report on durable goods. The present report is based on more complete reporting, but the estimates are also considered preliminary. Final figures will appear as historical data in the report to be published for next month. The advance report on durable goods for May is scheduled for release on June 22, 1982, and full report is scheduled for release on June 30, 1982.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(billions of dollars)

SIC	Industry	Seasonally adjusted					Not seasonally adjusted ¹											
		Monthly					Quarterly					Monthly						
		Last 4 months					Last 4 months a year ago					Last 4 months a year ago						
		April 1982P	March 1982P	Feb. 1982	Jan. 1982	I 1982P	IV 1981	III 1981	April 1982P	March 1982P	Feb. 1982	Jan. 1982	April 1981	March 1981	Feb. 1981	Jan. 1981	Annual	
TOTALS																		
	All manufacturing industries.....	157,447	158,241	159,429	156,597	474,267	487,145	508,423	159,521	166,941	160,949	144,641	70,022	175,250	167,163	152,094	632,052	664,525
	Manufacturing industries excluding transportation.....	139,455	141,141	142,930	141,465	425,536	435,717	451,069	140,712	147,985	144,112	130,750	50,149	154,728	149,456	136,559	563,559	590,891
	Manufacturing industries with unfilled orders.....	82,455	84,536	84,721	82,600	251,857	258,493	268,852	83,573	89,339	85,298	75,417	89,351	93,241	87,688	78,356	333,627	348,633
	Durable goods industries.....	79,133	79,253	79,759	77,476	236,488	245,370	260,339	80,987	85,153	80,277	70,029	88,627	91,521	84,746	75,385	316,446	340,277
	Durable goods with unfilled orders.....	65,852	67,133	67,668	66,064	200,865	207,622	217,285	66,989	71,581	68,154	59,850	72,512	76,060	70,896	63,132	266,574	282,598
	Nondurable goods industries.....	78,314	78,988	79,670	79,121	237,779	241,775	248,084	78,534	81,788	80,672	74,612	81,395	83,729	82,416	76,709	315,606	324,248
	Nondurable goods with unfilled orders.....	16,603	17,403	17,053	16,536	50,992	50,871	51,567	16,584	17,758	17,144	15,567	16,839	17,181	16,792	15,224	67,053	66,036
MARKET CATEGORIES																		
	Home goods and apparel.....	11,352	11,868	12,052	11,179	35,099	34,852	37,409	10,934	12,340	12,041	9,585	11,821	12,544	12,178	10,203	44,900	46,746
	Consumer staples.....	29,283	29,458	29,772	28,854	88,084	85,721	87,405	28,929	30,342	29,737	26,753	28,611	29,280	28,791	26,796	115,761	113,476
	Equipment and defense products, except automotive.....	24,168	25,699	25,507	24,181	75,387	78,444	77,437	24,319	27,443	25,687	21,692	25,491	27,412	24,483	21,792	99,141	99,175
	Automotive equipment.....	13,376	11,889	11,584	10,608	34,081	35,720	42,296	14,241	13,523	11,793	9,928	14,766	14,826	12,975	11,440	49,485	56,005
	Construction materials, supplies, and intermediate products.....	11,287	11,581	11,288	11,333	34,202	34,881	37,353	11,601	11,627	10,611	9,412	13,413	13,125	12,236	10,827	43,251	49,600
	Other materials, supplies, and intermediate products.....	67,981	67,746	69,226	70,442	207,414	217,527	226,523	69,497	71,666	71,080	67,271	75,918	78,063	76,500	71,036	279,514	301,516
SUPPLEMENTARY SERIES ²																		
	Household durable goods Industries.....	5,010	5,059	5,138	4,880	15,077	15,243	16,146	4,840	5,347	5,077	4,154	5,352	5,598	5,276	4,377	19,418	20,602
	Capital goods industries.....	26,541	28,036	27,835	26,638	82,509	86,183	85,974	26,607	29,934	28,274	24,055	27,960	30,049	27,367	24,184	108,870	109,558
	Nondefense.....	21,943	23,141	23,217	22,477	68,835	72,717	73,112	21,973	24,904	23,694	20,216	23,965	25,774	23,532	20,892	90,787	94,162
	Defense.....	4,598	4,895	4,618	4,161	13,674	13,466	12,862	4,634	5,030	4,580	3,839	3,995	4,275	3,834	3,291	18,083	15,393
INDUSTRY GROUPS AND INDUSTRIES																		
	Durable goods industries:																	
32	Stone, clay, and glass products.....	3,768	3,803	3,825	3,877	11,505	11,527	12,278	3,827	3,867	3,541	3,239	4,364	4,277	3,903	3,476	14,474	16,018
322	Glass containers.....	520	545	591	505	1,641	1,467	1,527	509	509	470	458	511	523	447	419	1,946	1,899
33	Primary metals.....	9,006	8,873	9,847	10,542	29,262	31,503	35,561	9,585	9,840	10,146	9,728	12,431	12,559	12,253	11,353	39,299	48,594
331	Blast furnaces, steel mills.....	4,327	4,339	4,997	5,407	14,743	16,372	18,268	4,565	4,933	5,177	4,958	6,437	6,392	6,108	5,765	19,633	24,699
333-9	Nonferrous and other primary metals.....	3,791	3,581	3,921	4,196	11,698	12,348	14,018	4,072	3,911	4,023	3,906	4,789	4,936	4,959	4,505	15,912	19,187
34	Fabricated metal products.....	9,536	9,783	9,564	9,186	28,533	28,923	31,265	9,775	10,274	9,464	8,328	10,724	11,078	10,405	9,263	37,841	41,466
341	Metal cans, barrels, and drums.....	814	812	864	882	2,558	2,481	2,441	802	829	817	726	840	854	856	720	3,174	3,268
35	Machinery, except electrical.....	15,512	16,429	16,616	16,103	49,148	51,787	51,669	15,721	17,892	17,429	14,843	17,194	18,412	16,982	15,160	65,885	67,746
351	Engines and turbines.....	1,329	1,239	1,245	1,359	3,843	4,204	4,404	1,304	1,475	1,345	1,278	1,351	1,461	1,358	1,294	5,402	5,462
352	Farm machinery and equipment.....	911	909	1,029	894	2,832	3,501	3,817	1,041	1,101	1,107	846	1,460	1,470	1,221	1,195	4,095	5,344
353	Construction, mining, and material-handling equipment.....	2,926	3,119	3,461	3,151	9,731	10,576	10,166	3,086	3,278	3,544	3,024	3,400	3,321	3,339	3,069	12,932	13,128
354	Metallworking machinery.....	882	906	952	1,007	2,865	2,783	2,989	863	1,032	996	889	985	1,114	1,056	857	3,780	4,011
356	General industrial machinery.....	1,229	1,382	1,402	1,404	4,188	4,439	4,383	1,262	1,447	1,441	1,258	1,429	1,543	1,374	1,130	5,408	5,474

See footnotes at end of table.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

(Millions of dollars)

SIC	Industry	Seasonally adjusted					Not seasonally adjusted ¹											
		Monthly			Quarterly		Last 4 months				Monthly				Annual			
		April 1982 ²	March 1982 ²	Feb. 1982	Jan. 1982	I 1982 ²	IV 1981	III 1981	March 1982 ²		Feb. 1982	Jan. 1982	Last 4 months a year ago			1982	1981	
									April 1982 ²	March 1982 ²			April 1981	March 1981	Feb. 1981			Jan. 1981
INDUSTRY GROUPS AND INDUSTRIES--Continued																		
Durable goods and industries--Continued																		
36	Electrical machinery.....	11,517	11,422	11,300	11,066	33,788	33,854	35,062	11,475	11,955	11,548	10,276	11,301	11,812	11,293	9,986	44,389	
361, 2	Electrical transmission and distribution equipment and industrial apparatus.....	1,763	1,832	1,769	1,782	5,283	5,658	5,901	1,787	1,936	1,900	1,708	1,900	2,035	1,903	1,640	7,311	
363	Household appliances.....	1,014	992	989	994	2,975	3,031	3,291	1,003	1,060	998	843	1,143	1,154	1,140	1,008	3,906	
365	Radio and TV.....	840	931	805	816	2,552	2,486	2,765	734	903	812	678	860	901	919	721	4,464	
366	Communication equipment.....	3,523	3,325	3,400	3,261	9,986	9,662	9,825	3,601	3,583	3,400	3,018	3,156	3,293	2,974	2,656	3,401	
367	Electronic components.....	2,377	2,365	2,350	2,335	7,030	7,018	7,124	2,446	2,442	2,421	2,432	2,355	2,412	2,402	2,157	12,079	
37	Transportation equipment.....	17,992	17,100	16,499	15,132	48,731	51,428	57,354	18,809	18,956	16,837	13,891	19,872	20,522	17,706	15,535	9,324	
371	Motor vehicles and parts.....	11,829	10,341	9,958	9,013	29,312	30,722	36,731	12,503	11,829	10,255	8,534	12,664	12,912	11,236	9,980	73,694	
372, 6	Aircraft, missiles, and parts.....	4,351	4,683	4,363	4,320	13,366	14,747	16,218	4,394	4,965	4,473	3,742	4,891	5,325	4,354	3,738	46,790	
3731	Shipbuilding and military tank vehicles.....	1,176	1,319	1,349	1,012	3,680	3,474	3,616	1,179	1,336	1,260	919	1,178	1,151	1,068	990	18,308	
3795	Instruments and related products.....	4,003	4,142	4,103	3,920	12,165	12,628	12,812	3,451	4,335	4,007	3,532	3,979	4,327	4,027	3,641	4,387	
381-4	Scientific and engineering.....	2,319	2,532	2,400	2,277	7,209	7,550	7,508	2,330	2,651	2,407	2,150	2,356	2,591	2,325	2,221	15,825	
386	Photographic goods.....	1,422	1,334	1,448	1,413	4,195	4,282	4,442	1,368	1,396	1,348	1,180	1,324	1,411	1,413	1,183	9,491	
24	All other durable goods industries.....	7,799	7,701	8,005	7,650	23,356	23,720	24,338	7,844	8,034	7,721	6,493	8,762	8,534	8,177	6,971	5,330	
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¹ Preliminary. ² Revised.

¹ Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

² The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondurable products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding. The data are comparable to those published annually in the MA-175, "Shipments to Federal Government Agencies" (formerly "Shipments of Defense-Oriented Industries"), for the specified industries.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

4

(Millions of dollars)

SIC	Industry	Seasonally adjusted					Not seasonally adjusted ¹									
		Monthly					Quarterly				Monthly				Annual	
		Apr. 1982 ²	Mar. 1982 ²	Feb. 1982	Jan. 1982	I r 1982	IV 1981	III 1981	Last 4 months 1982 ²				Apr. 1981	Mar. 1981	Feb. 1981	Jan. 1981
	TOTALS															
	All manufacturing industries.....	155,264	158,867	158,467	156,362	473,696	478,397	511,118	167,397	160,957	148,271	171,926	177,003	169,653	157,134	634,635
	Manufacturing industries excluding transportation.....	137,180	139,427	139,414	139,403	418,244	431,117	451,207	146,831	142,949	131,544	151,821	156,244	151,894	139,654	559,780
	Manufacturing industries with unfilled orders.....	80,272	85,162	83,758	82,365	251,285	249,745	271,547	89,795	85,304	79,047	91,255	94,994	90,178	83,396	336,209
	Durable goods industries.....	76,840	79,996	79,217	77,268	236,481	237,524	263,324	85,598	80,727	73,362	90,242	93,232	86,993	80,159	319,055
	Durable goods with unfilled orders.....	63,559	67,876	67,125	65,856	200,857	199,776	220,270	72,026	68,603	63,183	74,127	77,771	73,143	67,906	269,182
	Nondurable goods industries.....	78,424	78,871	79,250	79,094	237,215	240,873	247,795	81,799	80,229	74,909	81,684	83,771	82,659	76,974	315,580
	Industries with unfilled orders.....	16,713	17,286	16,633	16,509	50,428	49,969	51,277	17,769	16,701	15,864	17,128	17,223	17,036	15,490	67,027
	Industries without unfilled orders.....	61,711	61,585	62,617	62,585	186,787	190,904	196,517	64,030	63,528	59,045	64,556	66,548	65,624	61,485	248,553
	MARKET CATEGORIES															
	Home goods and apparel.....	11,259	11,915	11,893	11,177	34,985	34,123	37,402	12,438	12,031	9,586	12,133	12,771	12,602	10,329	47,831
	Consumer staples.....	29,387	29,529	29,785	28,840	88,134	85,695	87,480	30,385	29,746	26,831	28,624	29,266	28,773	26,897	115,915
	Equipment and defense products, except automotive.....	24,391	26,619	26,933	27,237	80,789	75,828	79,749	27,779	27,334	25,695	26,420	28,219	25,004	25,517	105,825
	Automotive equipment.....	12,990	11,837	11,290	10,513	33,640	35,466	42,166	13,773	11,473	10,008	14,669	14,836	13,148	11,668	48,672
	Construction materials, supplies, and intermediate products.....	10,498	11,909	11,000	10,778	33,687	34,302	37,117	12,037	10,377	9,110	13,346	13,281	12,249	10,914	42,466
	Other materials, supplies, and intermediate products.....	66,739	67,038	67,566	67,817	202,441	212,983	227,204	71,340	69,995	67,041	76,734	78,630	77,877	71,809	276,647
	SUPPLEMENTARY SERIES ²															
	Household durable goods industries.....	4,918	5,112	5,033	4,902	15,047	14,519	16,150	5,431	5,120	4,181	5,636	5,789	5,735	4,504	19,664
	Capital goods industries.....	26,967	29,593	29,130	28,440	87,563	82,041	89,747	30,999	29,643	27,505	29,301	30,499	27,853	28,690	115,593
	Nondefense.....	20,946	22,069	20,461	21,744	64,274	67,327	71,952	23,376	22,050	20,853	24,979	25,918	22,520	24,068	87,060
	Defense.....	6,020	7,524	8,669	6,696	23,289	14,714	17,795	7,623	7,593	6,852	4,320	4,560	5,333	4,621	28,533
	INDUSTRY GROUPS AND INDUSTRIES															
	Durable goods industries:															
32	Stone, clay, and glass.....	3,649	3,671	3,751	3,649	11,071	11,661	12,110	3,771	3,485	3,147	4,357	4,233	3,944	3,517	14,172
33	Primary metals.....	8,104	7,763	8,584	9,153	25,500	29,580	35,490	8,991	9,551	9,455	12,500	13,401	13,042	10,926	36,561
331	Blast furnaces, steel mills.....	3,695	3,613	3,987	4,419	12,019	15,180	18,540	4,328	4,758	4,615	6,790	7,018	6,874	5,500	17,668
333-5,9	Nonferrous and other primary metal products.....	3,635	3,365	3,802	3,857	11,024	11,678	13,656	3,769	3,847	3,971	4,622	5,204	5,142	4,369	15,543
34	Fabricated metal products.....	8,421	9,778	9,355	8,757	28,090	27,814	30,759	10,391	9,406	8,131	10,626	11,205	10,427	9,377	36,658
35	Machinery, except electrical.....	14,410	14,410	14,578	15,564	44,552	51,061	51,532	14,500	16,125	14,297	17,826	18,198	17,256	16,806	60,573
351	Engines and turbines.....	1,041	997	1,410	1,183	3,590	4,396	4,343	921	1,405	1,032	1,428	1,451	1,214	1,646	4,639
353	Construction, mining, and material-handling equipment.....	2,005	2,541	2,863	2,969	8,373	9,955	10,520	2,721	3,087	2,833	3,999	3,707	3,662	3,520	14,886
354	Metalworking machinery.....	581	528	691	774	1,993	1,877	2,267	647	758	662	844	1,018	910	863	2,644
356	General industrial machinery.....	1,048	1,268	1,304	1,405	3,977	4,361	4,504	1,093	1,402	1,351	1,621	1,531	1,381	1,382	5,152

See footnotes at end of table.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued
(Millions of dollars)

SIC	Industry	Seasonally adjusted					Not seasonally adjusted ¹											
		Monthly					Quarterly					Monthly					Annual	
		Apr. ^b 1982	Mar. ^r 1982	Feb. 1982	Jan. 1982	I 1982 ^r	IV 1981	III 1981	Last 4 months					Last 4 months a year ago				
									Apr. ^b 1982	Mar. ^r 1982	Feb. 1982	Jan. 1982	Apr. 1981	Mar. 1981	Feb. 1981	Jan. 1981		
36	INDUSTRY GROUPS AND INDUSTRIES-- Continued	12,448	12,872	11,337	11,506	35,715	33,893	36,462	12,276	13,435	12,163	11,419	11,825	12,231	12,047	11,215	49,293	47,315
361, 2		Electrical machinery.....	1,492	1,760	1,623	1,830	5,213	5,400	5,937	1,662	1,882	1,837	1,797	1,930	2,039	1,953	7,178	8,032
363		Electrical transmission and distribution equipment and industrial apparatus.....	1,010	1,012	949	996	2,957	2,981	3,249	999	1,074	979	891	1,153	1,168	1,185	3,943	4,532
365		Household appliances.....	762	938	746	830	2,514	2,258	3,083	633	898	827	650	762	851	1,099	728	3,008
366		Radio and TV.....	4,727	4,920	3,572	3,619	12,111	10,020	11,105	4,453	5,076	3,821	3,850	3,395	3,670	3,157	17,200	13,722
367		Communication equipment.....	2,426	2,277	2,452	2,320	7,049	7,262	6,959	2,582	2,474	2,681	2,421	2,688	2,429	2,577	2,115	10,158
37		Electronic components.....	18,084	19,440	19,053	16,959	55,452	47,280	59,911	19,555	20,566	18,007	16,727	20,105	20,758	17,479	74,855	76,099
372, 6		Transportation equipment.....	4,728	7,768	7,166	5,785	20,719	12,055	16,839	5,295	6,916	6,027	6,092	4,281	5,576	4,105	5,395	24,330
3731		Aircraft, missiles, and parts.....	1,313	653	1,410	1,469	3,532	2,558	3,966	1,523	1,133	1,199	1,323	2,185	1,239	1,384	1,252	5,178
3795		Shipbuilding and military tank vehicles.....	4,073	4,181	4,334	3,893	12,408	12,722	12,822	4,053	4,495	4,192	3,517	3,891	4,376	4,058	3,669	16,257
24	Instruments and related products.....	7,651	7,881	8,025	7,787	23,693	23,513	24,238	7,921	8,298	7,798	6,669	9,111	8,830	8,440	7,170	30,686	
25	All other durable goods industries.....																33,550	

^aPreliminary.

^bRevised.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations, unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

²The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding.

The data are comparable to those published annually in the WA-175, "Shipments to Federal Government Agencies" (formerly "Shipments of Defense-Oriented Industries"), for the specified industries.

Table 3. VALUE OF MANUFACTURERS' UNFILED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

		(Millions of dollars)																
		Seasonally adjusted				Not seasonally adjusted ¹												
		Monthly				Quarterly				Monthly								
SIC	Industry	Apr. ^b 1982 ^c	Mar. ^c 1982	Feb. 1982	Jan. 1982	IV 1981	III 1981	II 1981	I 1981	IV 1980	Apr. ^b 1982 ^c	Mar. ^c 1982	Feb. 1982	Jan. 1982	Apr. ^b 1981	Mar. ^c 1981	Feb. 1981	Jan. 1981
TOTALS																		
	All manufacturing industries.....	316,988	319,174	318,553	319,518	319,865	328,613	325,918	323,602	319,729	320,701	322,216	321,753	321,753	328,847	326,943	325,192	322,700
	Manufacturing industries excluding transportation.....	196,248	198,528	200,246	203,766	205,938	210,540	210,403	207,405	206,686	198,970	201,232	202,378	203,547	212,060	210,388	208,873	206,435
	Durable goods industries.....	307,190	309,485	308,746	309,290	309,611	317,460	314,477	312,598	308,815	310,713	312,336	311,887	311,444	317,342	315,727	314,017	311,769
	Nondurable goods industries.....	9,798	9,689	9,807	10,228	10,254	11,153	11,441	11,005	10,913	9,988	9,880	9,866	10,309	11,505	11,216	11,175	10,931
MARKET CATEGORIES																		
	Home goods, apparel and consumer staples.....	4,128	4,116	4,000	4,145	4,163	4,921	4,854	4,664	3,988	4,160	4,018	3,873	3,877	4,857	4,533	4,320	3,915
	Equipment and defense products, except automotive.....	194,920	195,084	194,219	193,086	190,237	193,108	190,926	191,324	186,876	196,308	196,079	195,848	194,526	193,134	192,302	191,486	190,791
	Construction materials, supplies, and intermediate products.....	15,488	16,277	15,949	16,237	16,791	17,371	17,607	17,409	17,587	15,696	16,355	15,945	16,178	17,437	17,504	17,348	17,335
	Other materials, supplies, and intermediate products.....	102,452	103,697	104,385	106,050	108,674	113,213	112,531	110,206	111,277	104,537	105,764	106,087	107,172	113,420	112,603	112,037	110,659
SUPPLEMENTARY SERIES ²																		
	Household durable goods indus- tries.....	2,884	2,975	2,923	3,028	3,007	3,735	3,732	3,628	2,954	2,941	2,851	2,765	2,723	3,768	3,484	3,294	2,834
	Capital goods industries.....	226,980	226,555	224,603	223,306	221,617	225,758	221,984	220,323	216,028	228,723	227,886	226,620	225,456	222,892	221,552	221,103	220,617
	Nondefense.....	135,065	136,062	137,139	139,893	140,737	146,126	147,288	147,924	147,673	135,938	136,932	138,460	140,107	149,794	148,779	148,635	149,647
	Defense ³	91,915	90,493	87,464	83,413	80,880	79,632	74,696	72,398	68,355	92,785	90,954	88,360	85,349	73,099	72,773	72,468	70,970
INDUSTRY GROUPS AND INDUSTRIES																		
Durable goods industries:																		
32	Stone, clay, and glass.....	1,704	1,823	1,955	2,029	2,257	2,124	2,292	2,288	2,460	1,801	1,859	1,954	2,009	2,325	2,332	2,376	2,335
33	Primary metals.....	21,934	22,838	23,947	25,210	26,599	28,521	28,595	28,955	30,248	23,154	24,176	25,023	25,619	30,730	30,661	29,818	29,029
331	Blast furnaces, steel mills..	12,620	13,253	13,979	14,989	15,977	17,168	16,897	16,926	17,439	13,516	14,115	14,719	15,139	18,380	18,026	17,400	16,634
333-6, 9	Nonferrous and other primary metal products.....	6,562	6,718	6,934	7,053	7,392	8,062	8,425	8,557	9,008	6,831	7,134	7,197	7,264	8,922	9,089	8,822	8,639
34	Fabricated metal products.....	27,185	28,302	28,306	28,318	28,746	29,856	30,362	30,134	30,189	27,362	28,406	28,289	28,349	30,154	30,252	30,125	30,082
35	Machinery, except electrical...	68,902	70,005	72,027	74,064	74,713	75,440	75,578	74,602	74,396	69,413	70,635	72,877	73,767	75,853	75,220	75,434	75,161
351	Engines and turbines.....	18,065	18,353	18,595	18,429	18,605	18,413	18,474	18,241	17,905	18,000	18,383	18,657	18,518	18,340	18,263	18,273	18,417
353	Construction, mining, and material-handling equipment.	8,444	9,365	9,944	10,541	10,722	11,343	10,989	9,760	8,765	8,664	9,506	10,063	10,520	10,507	9,908	9,522	9,199
354	Metalworking machinery.....	3,657	4,336	4,597	4,597	4,830	5,736	6,459	7,035	7,292	3,660	3,946	4,332	4,570	6,872	7,013	7,108	7,255
356	General industrial machinery.	6,197	6,378	6,493	6,591	6,590	6,669	6,547	6,304	6,177	6,241	6,410	6,551	6,591	6,531	6,339	6,351	6,344

See footnotes at end of table.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued
(Millions of dollars)

SIC	Industry group	Seasonally adjusted				Quarterly				Not seasonally adjusted ¹								
		Monthly		Monthly		Monthly		Monthly		Monthly		Monthly		Monthly		Monthly		
		Apr. 1982 ^p	Mar. 1982 ^r	Feb. 1982	Jan. 1982	IV 1981	III 1981	II 1981	I 1981	IV 1980	Apr. 1982 ^p	Mar. 1982 ^r	Feb. 1982	Jan. 1982	Apr. 1981	Mar. 1981	Feb. 1981	Jan. 1981
36	INDUSTRY GROUP AND INDUSTRIES-- Continued	54,417	53,485	52,037	52,002	51,563	51,526	50,124	48,494	47,225	54,776	53,978	52,495	51,882	49,403	48,878	48,460	47,706
361, 2																		
363	Durable goods industries-- Continued	7,731	8,001	8,073	8,220	8,172	8,429	8,392	8,361	7,967	7,886	8,011	8,065	8,128	8,400	8,371	8,293	8,157
365	Electrical machinery.....	316	320	301	341	339	390	433	415	411	327	332	318	337	440	430	417	371
366	Electrical transmission and distribution equipment.....	353	423	423	482	468	697	378	482	346	298	399	404	390	349	404	498	498
367	Household appliances.....	32,507	31,304	29,710	29,537	29,180	28,823	27,542	26,345	25,427	32,590	31,740	30,245	29,825	26,923	26,683	26,307	26,124
367	Radio and TV.....	12,353	12,304	12,372	12,271	12,286	12,042	12,207	11,733	12,019	12,526	12,390	12,347	12,087	12,142	11,809	11,792	11,616
37	Communication equipment.....	120,740	120,646	118,307	115,752	113,927	118,073	115,515	116,198	113,043	121,731	120,984	119,375	118,206	116,787	116,556	116,319	116,265
372, 6	Electronic components.....	98,165	97,786	94,702	91,899	90,435	93,126	90,504	91,299	88,371	98,655	97,753	95,783	94,229	90,716	91,327	91,076	91,325
3731	Transportation equipment.....	16,375	16,239	16,905	16,843	16,387	17,303	16,953	16,478	16,087	16,880	16,537	16,740	16,801	17,742	16,735	16,647	16,330
3795	Aircraft, missiles, and parts.....	7,473	7,402	7,362	7,132	7,160	7,067	7,056	7,012	6,987	7,545	7,443	7,283	7,098	6,963	7,051	7,001	6,970
38	Shipbuilding and military tank vehicles.....	4,835	4,984	4,805	4,783	4,646	4,853	4,955	4,915	4,267	4,931	4,855	4,591	4,514	5,128	4,779	4,484	4,220
25	Instruments and related products.....																	
25	All other durable goods industries.....																	

^pPreliminary. ^rRevised.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are of the end of the period and are not adjusted for trading-day or calendar-month variations.

²The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding.

The data are comparable to those published annually in the MA-175, "Shipments to Federal Government Agencies" (formerly "Shipments of Defense-Oriented Industries"), for the specified industries.

(Millions of dollars)

SIC	Industry	Seasonally adjusted												Not seasonally adjusted ¹											
		Monthly				Quarterly				Last 4 months				Monthly				Last 4 months a year ago							
		Apr. 1982P	Mar. 1982P	Feb. 1982	Jan. 1982	IV 1981	III 1981	II 1981	I 1981	IV 1980	Apr. 1982P	Mar. 1982P	Feb. 1982	Jan. 1982	Apr. 1981	Mar. 1981	Feb. 1981	Jan. 1981							
	TOTALS	274,161	274,918	276,206	275,175	275,878	276,616	269,709	266,524	257,980	276,378	276,358	277,776	276,113	269,614	267,908	266,053	262,735							
	All manufacturing industries.....	234,429	235,776	236,995	236,163	236,703	237,192	231,081	228,413	221,170	236,483	236,854	238,178	237,103	231,154	229,451	227,872	225,085							
	Manufacturing industries excluding transportation.....	189,693	189,629	190,669	190,038	190,363	189,850	183,036	180,275	174,756	191,531	190,746	191,205	189,369	183,392	181,356	179,840	177,250							
	Manufacturing industries with unfilled orders.....	183,436	183,430	184,470	184,057	184,690	185,140	178,676	176,229	171,603	185,409	185,079	185,727	184,072	179,091	177,879	176,849	174,255							
	Durable goods industries.....	168,892	168,675	169,500	169,053	169,391	169,027	162,821	160,227	155,430	170,368	169,776	170,260	168,826	162,849	161,290	160,058	157,847							
	Durable goods with unfilled orders.....	90,725	91,488	91,736	91,118	91,183	91,476	91,033	90,295	86,377	90,969	91,279	92,049	92,041	90,523	90,029	89,205	88,480							
	Nondurable goods industries.....	20,801	20,954	21,169	20,985	20,972	20,823	20,215	20,047	19,326	21,163	20,970	20,945	20,543	20,543	20,065	19,782	19,403							
	Nondurable goods with unfilled orders.....																								
	MARKET CATEGORIES																								
	Home goods and apparel.....	21,895	22,081	22,610	22,717	22,773	21,982	21,410	21,201	20,663	22,316	22,072	22,390	22,291	21,836	21,210	20,837	20,492							
	Consumer staples.....	33,251	33,488	33,402	33,083	33,005	33,142	32,658	32,880	32,201	32,939	33,243	33,613	33,732	32,339	32,571	32,728	33,166							
	Equipment and defense products, except automotive.....	77,271	76,105	76,282	75,711	75,823	75,148	73,240	71,400	69,908	77,980	76,963	76,738	75,591	72,974	72,211	71,885	70,667							
	Automotive equipment.....	10,775	10,775	10,886	11,007	11,364	11,714	11,530	11,775	11,872	10,813	10,986	11,210	11,284	11,699	11,989	12,045	12,111							
	Construction materials, supplies, and intermediate products.....	21,266	21,607	21,866	22,244	22,575	23,006	22,393	21,602	21,266	21,862	22,231	22,381	22,280	22,264	22,235	22,045	21,414							
	Other materials, supplies, and intermediate products.....	109,703	110,862	111,160	110,413	110,338	111,624	108,478	107,666	102,070	110,468	110,863	111,444	110,935	108,503	107,692	106,513	104,884							
	SUPPLEMENTARY SERIES																								
	Household durable goods industries.....	10,568	10,638	10,837	10,902	10,880	10,719	10,250	10,236	9,992	10,730	10,669	10,802	10,721	10,523	10,278	10,119	9,901							
	Capital goods industries.....	86,616	85,658	85,921	85,215	85,289	85,074	82,376	80,456	78,245	87,448	86,364	86,176	84,850	82,074	81,109	80,457	79,221							
	Nondefense.....	72,167	71,224	71,830	71,410	71,647	72,055	69,676	68,473	67,224	72,985	71,994	72,145	71,213	69,877	69,181	68,866	67,948							
	Defense.....	14,449	14,434	14,071	13,805	13,642	13,019	12,700	11,984	11,021	14,463	14,370	14,031	13,637	12,197	11,929	11,592	11,272							
	INDUSTRY GROUPS AND INDUSTRIES																								
	Durable goods industries:																								
32	Stone, clay, and glass products	6,668	6,787	6,857	6,781	6,967	7,037	6,599	6,398	6,145	6,917	6,988	7,059	6,823	6,627	6,588	6,554	6,263							
322	Glass containers.....	659	680	642	626	654	644	595	608	593	674	678	642	611	609	606	619	584							
33	Primary metals.....	24,812	25,445	25,486	25,236	25,194	25,087	23,334	23,640	21,976	24,713	25,187	25,566	25,633	23,312	23,391	23,313	23,136							
331	Blast furnaces, steel mills..	13,111	13,475	13,262	13,066	13,089	13,120	12,169	12,722	11,844	12,770	13,017	13,235	13,445	12,043	12,290	12,433	12,546							
333-6, 9	Nonferrous and other primary metals.....	10,406	10,625	10,772	10,731	10,619	10,511	9,819	9,563	8,802	10,583	10,774	10,858	10,763	9,852	9,694	9,509	9,258							
34	Fabricated metal products.....	19,997	20,073	20,422	20,630	20,314	20,440	19,973	19,812	19,773	20,394	20,458	20,516	20,426	20,212	20,219	20,132	19,926							
341	Metal cans, barrels, and drums.....	1,428	1,437	1,552	1,513	1,343	1,578	1,571	1,637	1,744	1,648	1,595	1,569	1,454	1,799	1,817	1,841	1,765							
35	Machinery, except electrical.....	42,552	42,186	42,517	42,324	42,472	42,017	40,342	39,618	39,189	43,093	42,671	42,852	42,418	40,226	40,068	39,895	39,402							
351	Engines and turbines.....	2,527	2,517	2,533	2,516	2,552	2,585	2,423	2,423	2,474	2,562	2,535	2,551	2,521	2,443	2,432	2,481	2,483							
352	Farm machinery and equipment.....	2,661	2,675	2,711	2,748	2,759	2,712	2,749	2,801	2,774	2,778	2,833	2,866	2,811	2,888	2,965	2,984	2,833							
353	Construction, mining, and material-handling equipment.....	10,352	9,997	9,834	9,648	9,764	9,213	8,789	8,469	8,446	10,466	10,177	9,992	9,773	8,663	8,624	8,495	8,471							
354	Metalworking machinery.....	2,438	2,470	2,539	2,520	2,647	2,649	2,636	2,624	2,760	2,460	2,480	2,551	2,520	2,668	2,635	2,700	2,732							
356	General industrial machinery.....	3,967	3,904	3,935	3,938	3,876	3,872	3,753	3,603	3,561	4,011	3,954	3,975	3,974	3,679	3,649	3,677	3,648							

See footnotes at end of table.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

(Millions of dollars)

SIC	Industry	Seasonally adjusted												Not seasonally adjusted											
		Monthly				Quarterly				Last 4 months				Monthly				Last 4 months a year ago							
		Apr. 1982 ^p	Mar. 1982 ^r	Feb. 1982	Jan. 1982	IV 1981	III 1981	II 1981	I 1981	IV 1980	Apr. 1982 ^p	Mar. 1982 ^r	Feb. 1982	Jan. 1982	Apr. 1981	Mar. 1981	Feb. 1981	Jan. 1981							
36	Electrical machinery.....	25,760	25,992	26,150	26,182	26,325	26,517	25,689	25,057	24,383	26,125	26,146	26,041	25,853	25,966	25,227	24,990	24,457							
361, 2	Electrical transmission and distribution equipment.....	4,432	4,459	4,484	4,485	4,528	4,744	4,488	4,263	4,163	4,505	4,472	4,481	4,467	4,475	4,277	4,249	4,182							
363	Household appliances.....	1,885	1,908	1,926	1,960	1,999	2,021	1,934	1,905	1,874	1,985	1,939	1,930	1,921	1,929	1,936	1,892	1,844							
365	Radio and TV.....	1,668	1,747	1,797	1,820	1,762	1,664	1,664	1,311	1,311	1,688	1,701	1,725	1,744	1,466	1,406	1,361	1,314							
366	Communication equipment.....	8,971	9,024	9,021	8,895	8,911	8,859	8,886	8,774	8,630	9,025	9,121	9,019	8,868	9,013	8,878	8,901	8,714							
367	Electronic components.....	4,698	4,749	4,733	4,791	4,836	4,874	4,874	4,560	4,557	4,750	4,787	4,743	4,724	4,826	4,597	4,603	4,500							
37	Transportation equipment.....	39,732	39,142	39,211	39,012	39,175	39,424	38,628	38,111	36,810	39,895	39,504	39,598	39,010	38,460	38,457	38,181	37,650							
371	Motor vehicles and parts.....	8,424	8,460	8,555	8,641	8,970	9,316	9,126	9,605	9,694	8,390	8,538	8,737	8,632	9,452	9,696	9,769	9,829							
372, 6	Aircraft, missiles, and parts	27,422	26,714	26,374	26,013	25,750	25,468	24,820	24,001	22,918	27,628	26,958	26,593	25,839	24,482	24,237	23,957	23,496							
3731	Shipbuilding and military tank vehicles.....	2,076	2,138	2,402	2,432	2,462	2,596	2,636	2,612	2,265	2,042	2,110	2,292	2,339	2,596	2,571	2,434	2,288							
38	Instruments and related products.....	9,960	9,712	9,707	9,606	9,765	9,738	9,603	9,380	9,281	10,112	9,805	9,712	9,567	9,723	9,471	9,376	9,287							
381-4	Scientific and engineering.....	7,141	6,907	6,897	6,812	6,910	6,912	6,842	6,593	6,474	7,213	6,956	6,918	6,839	6,812	6,640	6,594	6,518							
386	Photographic goods.....	2,352	2,346	2,307	2,307	2,375	2,342	2,247	2,259	2,243	2,430	2,382	2,330	2,256	2,358	2,291	2,230	2,219							
24	All other durable goods	13,955	14,093	14,120	14,286	14,478	14,880	14,508	14,213	14,046	14,160	14,320	14,383	14,342	14,566	14,458	14,406	14,131							
25	Industries.....	20,972	21,025	21,082	21,071	21,101	21,826	21,862	22,237	22,325	20,546	20,755	21,311	21,763	21,610	21,977	22,343	22,877							
20	Food and kindred products.....	2,180	2,263	2,150	2,071	2,013	2,067	2,267	2,272	2,271	2,241	2,281	2,183	2,079	2,368	2,289	2,310	2,296							
201	Beverages.....	3,767	3,794	3,806	3,842	3,873	3,863	3,743	3,909	3,866	3,831	3,892	3,909	3,881	3,910	4,010	3,914	3,930							
208	Fats and oils.....	1,522	1,406	1,491	1,719	1,593	1,696	1,648	1,792	2,055	1,577	1,557	1,668	1,882	1,795	1,984	2,025	2,149							
207	All other foods.....	11,787	11,754	11,821	11,641	11,866	12,481	12,456	12,476	12,428	11,174	11,295	11,821	12,177	11,765	11,984	12,386	12,790							
203, 6, 9	Tobacco products.....	4,585	4,391	4,309	4,343	4,243	3,966	3,570	3,689	3,507	4,640	4,558	4,611	4,634	3,688	3,828	3,855	3,946							
21	Textile mill products.....	6,296	6,324	6,441	6,469	6,688	6,642	6,604	6,518	6,386	6,475	6,464	6,564	6,496	6,725	6,662	6,647	6,466							
22	Paper and allied products.....	8,906	9,041	8,949	8,738	8,871	8,588	8,332	8,286	7,798	9,075	8,983	8,840	8,582	8,404	8,230	8,134	7,944							
261-3	Pulp, paper, etc.....	3,363	3,380	3,378	3,327	3,301	3,123	3,018	2,972	2,794	3,409	3,402	3,344	3,275	3,018	2,992	2,968	2,874							
265	Paperboard containers.....	2,367	2,367	2,352	2,321	2,385	2,337	2,255	2,188	1,973	2,398	2,350	2,314	2,289	2,240	2,171	2,101	2,047							
284	All other paper containers.....	3,176	3,294	3,219	3,090	3,131	3,126	3,059	3,126	3,032	3,268	3,231	3,182	3,018	3,146	3,067	3,065	3,022							
28	Chemicals and allied products.....	20,308	20,543	20,513	20,449	20,438	20,363	20,218	19,488	18,489	20,527	20,776	20,902	20,822	19,691	19,710	19,573	19,221							
281, 6	Industrial chemicals, except pigments.....	6,684	6,788	6,743	6,737	6,788	6,810	6,961	6,693	6,244	6,684	6,748	6,845	6,892	6,716	6,651	6,651	6,587							
283, 4	Drugs, soap, and toiletries.....	5,939	6,228	6,166	6,041	5,867	5,839	5,819	5,819	5,612	6,004	6,184	6,167	6,098	5,802	5,777	5,706	5,655							
29	Petroleum and coal products.....	8,605	9,096	9,016	8,710	8,680	9,206	9,996	9,885	8,240	8,292	8,642	8,692	8,825	9,581	9,397	8,795	8,536							
30	Rubber and plastics products.....	5,563	5,497	5,487	5,438	5,508	5,703	5,634	5,538	5,279	5,674	5,632	5,573	5,525	5,766	5,673	5,623	5,405							
23	All other nondurable goods	15,490	15,571	15,939	15,900	15,713	15,182	14,817	14,656	14,353	15,740	15,469	15,556	15,394	15,059	14,553	14,233	14,086							
27	Industries.....	20,972	21,025	21,082	21,071	21,101	21,826	21,862	22,237	22,325	20,546	20,755	21,311	21,763	21,610	21,977	22,343	22,877							
31	Industries.....	20,972	21,025	21,082	21,071	21,101	21,826	21,862	22,237	22,325	20,546	20,755	21,311	21,763	21,610	21,977	22,343	22,877							

Preliminary. Revised.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

²The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; ophthalmic goods; watches, and clocks; and miscellaneous personal goods.

Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding. The data are comparable to those published annually in the MA-175, Shipments to Federal Government Agencies (formerly Shipments of Defense-Oriented Industries), for the specified industries.

Table 5. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP
(Millions of dollars)

Industry	Seasonally adjusted										Not seasonally adjusted									
	Monthly					Quarterly					Monthly									
	Apr. 1982 ^p	Mar. ^r 1982	Feb. 1982	Jan. 1982	IV 1981	III 1981	II 1981	I 1981	IV 1980	Apr. 1982 ^p	Mar. ^r 1982	Feb. 1982	Jan. 1982	Apr. 1981	Mar. 1981	Feb. 1981	Jan. 1981			
TOTALS	274,161	274,918	276,206	275,175	275,878	276,616	269,709	266,524	257,980	276,377	276,358	277,776	276,113	269,614	267,908	266,053	262,735			
All manufacturing industries.....	183,436	183,430	184,470	184,057	184,690	185,140	178,676	176,229	171,603	185,408	185,079	185,727	184,072	179,091	177,879	176,869	174,255			
Durable goods industries.....	6,668	6,787	6,857	6,781	6,967	7,037	6,599	6,398	6,145	6,917	6,988	7,059	6,823	6,627	6,588	6,554	6,263			
Stone, clay, and glass products.....	24,812	25,445	25,486	25,236	25,194	25,087	23,334	23,640	21,976	24,713	25,187	25,566	25,633	23,312	23,391	23,131	22,132			
Primary metals.....	19,997	20,073	20,422	20,630	20,314	20,440	19,973	19,812	19,773	20,394	20,458	20,516	20,426	20,212	20,219	20,132	19,926			
Fabricated metals.....	42,552	42,186	42,517	42,324	42,472	42,017	40,342	39,618	39,189	43,093	42,671	42,852	42,418	40,668	40,895	39,895	39,402			
Nonferrous metal machinery.....	25,760	25,992	26,150	26,325	26,517	26,517	25,689	25,057	24,381	26,125	26,146	26,041	25,853	25,966	25,227	24,990	24,457			
Electrical machinery.....	39,732	39,142	39,211	39,012	39,175	39,424	38,628	38,111	36,810	39,894	39,504	39,598	39,010	38,460	38,457	38,181	37,650			
Transportation equipment.....	9,960	9,745	9,707	9,606	9,765	9,738	9,603	9,380	9,281	10,112	9,805	9,712	9,567	9,723	9,471	9,376	9,287			
Instruments and related products.....	13,955	14,093	14,120	14,286	14,478	14,880	14,508	14,213	14,066	14,160	14,320	14,383	14,342	14,566	14,458	14,406	14,135			
All other durable goods industries.....	90,725	91,488	91,736	91,188	91,188	91,476	91,033	90,295	86,377	90,969	91,270	92,049	92,041	90,523	90,029	89,205	88,480			
Chemicals and allied products.....	20,308	20,543	20,513	20,449	20,438	20,363	20,218	19,488	18,489	20,527	20,776	20,902	20,822	19,691	19,710	19,573	19,221			
Petroleum and coal products.....	8,605	9,096	9,016	8,710	8,680	9,206	9,996	9,885	8,240	8,292	8,642	8,692	8,825	9,581	9,397	8,795	8,536			
Rubber and plastics products, n.e.c.....	5,563	5,497	5,487	5,438	5,508	5,703	5,634	5,538	5,279	5,674	5,632	5,573	5,525	5,766	5,673	5,623	5,405			
All other nondurable goods industries.....	56,249	56,352	56,720	56,521	56,562	56,204	55,185	55,385	54,369	56,476	56,229	56,882	56,869	55,485	55,249	55,213	55,319			
MATERIALS AND SUPPLIES																				
All manufacturing industries.....	92,019	92,367	93,908	93,859	93,946	94,187	92,127	91,907	89,380	92,014	92,814	93,807	94,259	92,495	92,322	92,172	91,833			
Durable goods industries.....	55,708	55,851	56,905	56,846	56,824	57,495	55,816	55,495	53,800	55,360	55,750	56,607	56,872	55,540	55,407	55,599	55,326			
Stone, clay, and glass products.....	2,653	2,648	2,697	2,619	2,689	2,719	2,691	2,532	2,446	2,631	2,656	2,685	2,651	2,557	2,539	2,557	2,500			
Primary metals.....	9,365	9,417	9,476	9,332	9,357	9,315	8,869	9,401	8,924	9,026	9,189	9,365	9,495	8,808	9,175	9,418	9,593			
Fabricated metals.....	7,190	7,260	7,432	7,592	7,467	7,604	7,272	7,420	7,269	7,237	7,329	7,389	7,520	7,414	7,521	7,633	7,330			
Nonferrous metal machinery.....	11,600	11,502	11,869	11,768	11,900	11,482	11,212	10,863	10,993	11,614	11,567	11,814	11,755	11,150	10,909	10,910	10,964			
Electrical machinery.....	7,278	7,349	7,523	7,686	7,618	7,798	7,581	7,340	7,229	7,331	7,354	7,435	7,367	7,353	7,407	7,378	7,378			
Transportation equipment.....	9,448	9,462	9,592	9,512	9,986	9,931	9,762	9,594	8,836	9,431	9,427	9,465	9,518	9,615	9,560	9,310	9,433			
Instruments and related products.....	2,908	2,882	2,907	2,916	2,852	2,854	2,885	2,845	2,786	2,854	2,903	2,884	2,903	2,880	2,853	2,831	2,965			
All other durable goods industries.....	5,266	5,351	5,429	5,421	5,505	5,792	5,564	5,520	5,345	5,174	5,174	5,174	5,174	5,480	5,497	5,533	5,463			
Non-durable goods industries.....	36,311	36,516	37,003	37,013	37,122	36,692	36,311	36,412	35,572	36,654	37,004	37,200	37,387	36,955	36,915	36,573	36,507			
Chemicals and allied products.....	7,558	7,818	7,887	7,971	7,923	7,921	7,994	7,875	7,668	7,654	7,961	7,870	7,998	7,923	7,960	7,914	7,789			
Petroleum and coal products.....	2,020	2,258	2,386	2,319	2,326	2,214	2,581	2,474	2,176	2,017	2,258	2,292	2,289	2,489	2,476	2,364	2,262			
Rubber and plastics products, n.e.c.....	2,126	2,166	2,260	2,309	2,321	2,347	2,345	2,373	2,250	2,103	2,142	2,195	2,305	2,383	2,350	2,301	2,301			
All other nondurable goods industries.....	24,607	24,740	24,740	24,414	24,552	24,210	23,391	23,690	23,478	24,880	24,763	24,843	24,795	24,160	24,129	23,994	24,155			
WORK IN PROCESS																				
All manufacturing industries.....	97,683	97,476	97,908	98,619	98,651	96,376	95,366	95,366	92,042	98,553	98,052	98,396	98,403	96,718	95,989	95,276	93,928			
Durable goods industries.....	83,011	83,267	83,634	84,219	84,246	84,083	81,769	80,584	77,935	83,886	83,980	84,246	84,071	81,902	81,347	80,708	79,824			
Stone, clay, and glass products.....	935	968	1,007	999	1,023	1,044	929	933	851	1,005	1,038	1,052	990	1,006	1,001	962	891			
Primary metals.....	9,657	10,028	10,144	10,191	9,941	9,888	9,107	8,951	7,967	9,684	9,684	9,684	10,267	8,992	8,835	8,657	8,529			
Fabricated metals.....	7,868	7,994	8,036	8,036	8,004	7,911	7,886	7,815	7,797	8,038	8,124	8,109	7,912	7,979	7,958	7,731	7,867			
Nonferrous metal machinery.....	17,708	17,686	17,886	17,986	18,463	18,537	17,828	17,844	17,556	17,838	17,838	18,064	18,186	17,867	18,003	18,066	17,954			
Electrical machinery.....	13,270	13,429	13,508	13,416	13,551	13,551	13,290	12,893	12,452	13,460	13,506	13,485	13,290	13,337	12,980	12,851	12,472			
Transportation equipment.....	25,886	25,529	25,482	25,930	25,536	25,499	25,022	24,600	23,902	26,073	25,896	25,751	25,791	24,982	24,951	24,881	24,519			
Instruments and related products.....	4,325	4,286	4,262	4,197	4,289	4,238	4,176	4,059	4,064	4,388	4,329	4,287	4,203	4,209	4,124	4,088	3,921			
All other durable goods industries.....	3,362	3,347	3,309	3,464	3,439	3,415	3,531	3,469	3,353	3,349	3,352	3,351	3,431	3,530	3,495	3,472	3,471			
Non-durable goods industries.....	14,672	14,209	14,274	14,438	14,373	14,568	14,607	14,782	14,107	14,667	14,072	14,150	14,332	14,816	14,642	14,568	14,304			
Chemicals and allied products.....	2,693	2,666	2,664	2,677	2,660	2,718	2,715	2,740	2,508	2,719	2,689	2,664	2,667	2,672	2,762	2,647	2,600			
Petroleum and coal products.....	2,931	2,570	2,585	2,536	2,526	2,669	2,726	2,654	2,651	2,927	2,506	2,509	2,496	2,879	2,660	2,808	2,736			
Rubber and plastics products, n.e.c.....	1,169	1,096	1,054	1,026	1,048	1,055	1,031	1,006	912	1,144	1,100	1,073	1,063	1,044	1,011	1,023	974			
All other nondurable goods industries.....	7,879	7,877	7,971	8,199	8,027	8,126	8,207	8,310	8,036	7,877	7,777	7,904	8,106	8,221	8,209	8,090	7,994			
FINISHED GOODS																				
All manufacturing industries.....	84,459	85,075	84,390	83,195	83,849	83,778	81,206	79,252	76,557	85,810	85,492	85,573	83,986	80,403	79,597	78,602	76,977			
Durable goods industries.....	44,717	44,312	43,931	43,628	44,156	43,562	41,091	40,149	39,860	46,162	45,349	44,874	43,664	41,650	41,125	40,540	39,306			
Stone, clay, and glass products.....	3,080	3,171	3,153	3,163	3,255	3,274	2,979	2,933	2,848	3,281	3,294	3,322	3,182	3,064	3,048	3,035	2,872			
Primary metals.....	5,790	6,000	5,866	5,713	5,896	5,884	5,378	5,288	5,092	6,003	6,101	6,054	5,8							

Table 6. PERCENT CHANGES AND REVISION FOR MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS

(Based on seasonally adjusted data)

Item and industry group	Percent changes							Revisions ²		
	Month-to-month			Average monthly rates of change ¹				Year ago April 1981	Average monthly	
	March-April 1982	Feb.-March 1982	Jan.-Feb. 1982	First quarter 1982	Fourth quarter 1981	Third quarter 1981	May 1981 through April 1982		April 1981 through March 1982	April 1977-1981
Shipments:										
All manufacturing industries.....	-0.5	-0.7	+1.8	-0.6	-1.5	-0.6	-0.5	0.0	0.2	0.1
Durable goods industries.....	-0.2	-0.6	+2.9	-0.8	-2.0	-1.0	-0.8	0.3	0.4	0.2
Nondurable goods industries.....	-0.9	-0.9	+0.7	-0.7	-1.0	-0.1	-0.3	0.2	0.3	0.3
Inventories:										
All manufacturing industries.....	-0.3	-0.5	+0.4	-0.1	-0.1	+0.8	+0.2	0.1	0.1	0.2
New orders:										
All manufacturing industries.....	-2.3	+0.3	+1.3	-0.1	-1.8	-0.5	-0.7	0.3	0.3	0.2
Durable goods industries.....	-3.9	+1.0	+2.5	+0.1	-2.6	-0.8	-1.1	0.5	0.7	0.2
Nondurable goods industries.....	-0.6	-0.5	+0.2	-0.4	-1.0	-0.2	-0.3	0.3	0.3	0.3
Unfilled orders:										
Durable goods industries.....	-0.7	+0.2	-0.2	-0.1	-0.8	+0.3	-0.2	0.2	0.1	0.1

- Represents zero.

¹Method of calculation of these percentages for the quarter and the 12-month time intervals reflect compounded monthly growth rates.²The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

Table 7. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

Industry group	Inventories--shipments ratio				Unfilled orders--shipments ratio ¹ (months' backlog)			
	April 1982 ^P	March 1982 ^T	Feb. 1982	Jan. 1982	April 1982 ^P	March 1982 ^T	Feb. 1982	Jan. 1982
All manufacturing industries.....	1.74	1.74	1.73	1.76	3.84	3.78	3.76	3.87
Durable goods industries.....	2.32	2.31	2.31	2.38	4.66	4.61	4.56	4.68
Stone, clay, and glass products.....	1.77	1.78	1.79	1.75	0.52	0.54	0.59	0.60
Primary metals.....	2.76	2.87	2.59	2.39	2.44	2.57	2.43	2.39
Fabricated metals.....	2.10	2.05	2.14	2.25	3.12	3.15	3.25	3.41
Machinery, except electrical.....	2.74	2.57	2.56	2.63	4.72	4.51	4.62	4.87
Electrical machinery.....	2.24	2.28	2.31	2.37	4.72	4.68	4.61	4.70
Transportation equipment.....	2.21	2.29	2.38	2.58	11.81	11.52	11.67	12.51
Instruments and related products.....	2.49	2.34	2.37	2.45	1.87	1.79	1.79	1.82
Nondurable goods industries.....	1.16	1.16	1.15	1.15	0.59	0.56	0.58	0.62
Food and kindred products.....	0.96	0.95	0.94	0.96	(X)	(X)	(X)	(X)
Tobacco products.....	3.81	3.86	3.62	3.67	(X)	(X)	(X)	(X)
Textile mill products.....	1.60	1.52	1.60	1.70	(NA)	(NA)	(NA)	(NA)
Paper and allied products.....	1.39	1.39	1.37	1.34	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products.....	1.36	1.35	1.35	1.36	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.59	0.66	0.64	0.58	(X)	(X)	(X)	(X)
Rubber and plastics products, n.e.c.....	1.58	1.62	1.55	1.48	(X)	(X)	(X)	(X)

(NA) Not available. ^PPreliminary. ^TRevised. (X) Not applicable.¹Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operation; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

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